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**From:** Glenn, Barbara [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7A2DC9210D2D4D02A623B33F87F49436-GLENN, BARBARA]  
**Sent:** 5/6/2015 9:01:43 PM  
**To:** Whalan, John [Whalan.John@epa.gov]  
**CC:** Kraft, Andrew [Kraft.Andrew@epa.gov]  
**Subject:** animal studies in pulmonary function section  
**Attachments:** Pulmonary Function\_Hazard\_revision\_033115.docx; saldiva 1985 FA1989\_OCR.pdf; Nielsen ea 1999 acute airway effects of FA and ozone in mice.pdf

Hi John,

As we discussed several weeks ago, you agreed to help me finalize the pulmonary function section by addressing the few animal studies that we know about that evaluated formaldehyde exposure and lung function parameters in rats. These are the studies that did not use ovalbumin or other sensitized animals, just formaldehyde exposed.

I said that I would wait until you were through with the respiratory pathology section to send this to you. But now that time has come ☺.

I know about 5 studies – three are included in the draft and there are two more that I am sending to you. If you know of other that would apply here, please include them.

Since we did not do a formal literature search for animal studies and lung function, we can say that we evaluated and describe the evidence that was identified via the literature search on formaldehyde and immune/ asthma effects.

I am asking you to edit the text on literature search, evaluate the five studies for study quality etc, add the two studies to the evidence table and make any edits to the other studies, interpret the evidence and add to the synthesis under “animal studies”. Please also make any edits to the MOA section and the integration of evidence section.

I don't anticipate that this should take long since there isn't much evidence. Please let me know how much time you think this will take, and thank you.

Thanks very much, Barbara